

# WATER QUALITY MEMORANDUM


Utah Coal Regulatory Program

---

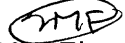
September 27, 2006



TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor 

FROM: Steve Fluke, Reclamation Hydrogeologist

RE:  2006 First Quarter Water Monitoring, Canyon Fuel Company,  
Gordon Creek 2, 7, & 8, C/007/0016-WQ06-1, Task ID #2566

**1. Was data submitted for all required monitoring sites?**

YES [ ] NO [X]

The Gordon Creek 2, 7, & 8 Mine is inactive and mostly reclaimed. The mine is awaiting appropriate conditions to apply for Phase II Bond Release. Until the mine receives Phase II Bond Release, water quality samples are to be collected and analyzed quarterly at seven surface water monitoring sites including one UPDES site at the sediment pond discharge. Water monitoring data is evaluated from the data that is submitted quarterly by the mine to the Division EDI database. The water monitoring plan is presented in Section 7.2.6, Water Monitoring – Until Phase II Bond Release, of the mine's MRP (p. 7-27). Water quality parameters are outlined in Table 7-18 of the mine's MRP.

**Surface**      *Sampling is required quarterly for five ephemeral stream monitoring sites (2-7-W, 2-8-W, 2-9-W, 2-10-W, and 2-11-W) and one intermittent stream monitoring site (2-2 W).*

No access due to snow and ice was reported for all of the ephemeral stream monitoring sites. The intermittent stream monitoring site (2-2-W) was accessed for sampling and the data submitted to the EDI.

**UPDES**      *Sampling is required monthly for one active UPDES site (UTG040004-001).*

No access due to snow and ice was reported for the month of January. No flow was reported for the UPDES site for the months of February and March.

**2. Were all required parameters reported for each site?** YES [ X ] NO [ ]

**Surface** All required parameters were reported for the accessed site (2-2-W).

**UPDES** No flow reported.

**3. Were any irregularities found in the data?** YES [ ] NO [ X ]

**Surface** Elevated concentrations of TDS and dissolved constituents were reported for the intermittent stream site (2-2-W), although not outside of historical ranges. Probably due to snow melt.

**UPDES** No flow.

**4. On what date does the MRP require a five-year resampling of baseline water data?**

The MRP does not require a five-year resampling of baseline water data.

**5. Based on your review, what further actions, if any, do you recommend?**

**Surface** No further action is recommended.

**UPDES** No further action is recommended.

**6. Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements?** YES [ ] NO [ X ]

**7. Follow-up from last quarter, if necessary. Did the Mine Operator submit or provide an explanation for missing and/or irregular data?**

NA